

Amendments to Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-49 (**Canceled**).

50. **(New)** In an integrated remote biomedical monitoring network comprising a digital controller coupled to one or more fixed video detector and one or more mobile biomedical sensor, an integrated method for remote patient monitoring comprising the steps of:

real-time viewing by a controller using a visual-analyzer software coupled to a first fixed video detector to recognize automatically a patient located in a first observation range covered by the first video detector; and

sensing biomedically the patient by the controller using an analysis software coupled to a biomedical sensor coupled to the patient;

wherein the controller continues sensing the patient while still viewing such patient using the visual-analyzer software coupled to a second fixed video detector in a second observation range covered by the second video detector, when the patient subsequently moves from the first observation range to the second observation range, whereby the integrated method effectively enables corroborative surveillance during movement of the patient for remote biomedical monitoring by combined automatic analysis of fixed visual, and mobile positional and sensor patient data.

51. **(New)** The method of claim 50 wherein:

the controller is caused automatically to switch from the first video detector to the second video detector to view the patient in response to sensing a first GPS signal indicating the patient being located in the first observation range and a second GPS

signal indicating such patient subsequently being located in the second observation range.

52. (New) The method of claim 51 wherein:

the controller switches alternatively to a neighboring video detector in response to a simulation program for predicting patient movement behavior.

53. (New) The method of claim 50 wherein:

the controller accesses a database comprising one or more location registered by the patient corresponding to one or more observation range.

54. (New) The method of claim 50 wherein:

the biomedical sensor is coupled to or included in a mobile wireless target unit comprising a cellphone or pager provided with the patient.

55. (New) The method of claim 50 wherein:

the controller delivers electronically to the patient a commercial transaction signal comprising an audio or video stream in response to a push or pull software agent using the patient fixed and mobile data.

56. (New) In an integrated remote automotive monitoring network comprising a digital controller coupled to one or more fixed video detector and one or more mobile automotive sensor, an integrated method for remote automotive monitoring comprising the steps of:

real-time viewing by a controller using a visual-analyzer software coupled to a first fixed video detector to recognize automatically an automobile located in a first observation range covered by the first video detector; and

sensing electro-mechanically the automobile by the controller using an analysis software coupled to an electro-mechanical sensor coupled to the automobile;

wherein the controller continues sensing the automobile while still viewing such automobile using the visual-analyzer software coupled to a second fixed video detector in a second observation range covered by the second video detector, when the automobile subsequently moves from the first observation range to the second observation range, whereby the integrated method effectively enables corroborative surveillance during movement of the automobile for remote automotive monitoring by combined automatic analysis of fixed visual, and mobile positional and sensor automobile data.

57. (New) The method of claim 56 wherein:

the controller is caused automatically to switch from the first video detector to the second video detector to view the automobile in response to sensing a first GPS signal indicating the automobile being located in the first observation range and a second GPS signal indicating such automobile subsequently being located in the second observation range.

58. (New) The method of claim 57 wherein:

the controller switches alternatively to a neighboring video detector in response to a simulation program for predicting automobile movement behavior.

59. (New) The method of claim 56 wherein:

the controller accesses a database comprising one or more location registered by the automobile corresponding to one or more observation range.

60. (New) The method of claim 56 wherein:

the electro-mechanical sensor is coupled to or included in a mobile wireless target unit comprising a cellphone or pager provided with the automobile.

61. (New) The method of claim 56 wherein:

the controller delivers electronically to the automobile a commercial transaction signal comprising an audio or video stream in response to a push or pull software agent using the automobile fixed and mobile data.

62. (New) In an integrated remote pet or animal monitoring network comprising a digital controller coupled to one or more fixed video detector and one or more mobile sensor, an integrated method for remote pet or animal monitoring comprising the steps of:

real-time viewing by a controller using a visual-analyzer software coupled to a first fixed video detector to recognize automatically a pet or animal located in a first observation range covered by the first video detector; and

sensing electro-mechanically the pet or animal by the controller using an analysis software coupled to a sensor coupled to the pet or animal;

wherein the controller continues sensing the pet or animal while still viewing such pet or animal using the visual-analyzer software coupled to a second fixed video detector in a second observation range covered by the second video detector, when the pet or animal subsequently moves from the first observation range to the second observation range, whereby the integrated method effectively enables corroborative surveillance during movement of the pet or animal for remote pet or animal monitoring by combined automatic analysis of fixed visual, and mobile positional and sensor pet or animal data.

63. (New) The method of claim 62 wherein:

the controller is caused automatically to switch from the first video detector to the second video detector to view the pet or animal in response to sensing a first GPS signal indicating the pet or animal being located in the first observation range and a second GPS signal indicating such pet or animal subsequently being located in the second observation range.

64. (New) The method of claim 63 wherein:

the controller switches alternatively to a neighboring video detector in response to a simulation program for predicting pet or animal movement behavior.

65. **(New)** The method of claim 62 wherein:

the controller accesses a database comprising one or more location registered by the pet or animal corresponding to one or more observation range.

66. **(New)** The method of claim 62 wherein:

the sensor is coupled to or included in a mobile wireless target unit comprising a cellphone or pager provided with the pet or animal.

67. **(New)** The method of claim 62 wherein:

the controller delivers electronically to the pet or animal a signal comprising an audio or video stream in response to a push or pull software agent using the pet or animal fixed and mobile data.